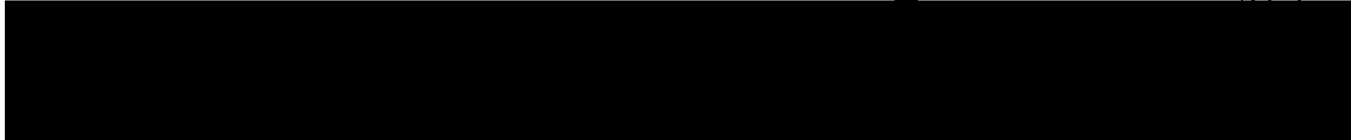


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997294

26 September 1967

Contracting Officer
Post Office Box 6788
Fort Davis Station
Washington, D. C. 20020

Subject: Final Acceptance of Model 552A, S/N 104
Stereoscopic, Versatile, High Precision Viewer

Dear Sir:

To avoid any possible misunderstandings toward the final acceptance and final payment on subject contract with respect to the last delivered equipment, S/N 104, the following factors are presented by this contractor.

a. The image alternator, as designed and produced under Amendment No. 3 of subject contract, was designed to be retrofitted into existing eyestation and tight packaging space, in accordance with the basic concepts as discussed between personnel of your organization and [redacted]. Presently there is some question concerning the visible shutter effect noticed at low cyclic rates. This visible effect has been present in the design since its origin-ation and has been observed throughout the test period and passed preliminary acceptance at our plant prior to delivery of S/N 104. At this time comments have been received that this visible effect is obvious to the operator and that some other design should be created to eliminate the effect. It is [redacted] opinion that any design change to eliminate such effect is above and beyond the scope of the present contract. However, [redacted] has initiated preliminary investigations of new approaches using stepper motors and optical shutters including possible tradeoffs on illumination and vibration effects on resolution. As soon as a new approach is devised, a quotation will be submitted.

b. The fiber optics cable (right side), delivered as part of S/N 104, has been observed to have a greater number of broken fibers than the left side or other cables delivered with earlier serial number

DECLASS REVIEW by NIMA/DOD

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CONFIDENTIAL

-2-

26 September 1967

systems. It should be pointed out that photographic records show this is the same cable received at [REDACTED] in 1964 and has been observed by personnel of your organization on numerous occasions since that date, including preliminary acceptance of equipment prior to delivery. This cable was originally rejected by [REDACTED] from its vendor, [REDACTED] only to be returned by [REDACTED] in the same condition now observed. At the time of original purchase, this cable was within specifications based upon the terms of our contract with your organization and, in turn, our contract with [REDACTED]. To our knowledge there is nothing which can be done with the cable short of a replacement to improve the observed condition. It is our understanding that [REDACTED] is producing cables of a higher quality than that observed; however, this is a non-guarantee statement. If the customer desires, [REDACTED] will be happy to attempt to procure a replacement cable, but such action is beyond the scope of the present contract and would be accomplished upon receipt of an improvement contract covering such action.

c. There is some concern with the new design of the film guides on S/N 104 accommodating standard sizes of 70mm, 5" and 9 1/2" film. As you will note, the film guide design on the 552A-104 machine is different from the film guides used on the other serial number machines. This change in design was made with the cognizance of your personnel with the prime objective of allowing the equipment to operate with damaged, torn, and/or mutilated photographic films. In the process of making the design change to accept these torn films, it was necessary to restrict the film widths to standard sizes rather than infinitely variable from 70mm's to 9 1/2". To again return to the old style film guides would require operational compromises in a minimum of two areas: (1) inability to function with torn film; (2) reduction of motorized film speed. Verbal discussions with your personnel have indicated that these design compromises are not to your best interests; consequently, a likely trade-off decision is not to restrict film speeds and the ability to handle torn film for the sake of accommodating rare non-standard film widths.

With your full concurrence in the three points mentioned above, it is our understanding that S/N 104 machine is fully acceptable to your organization upon completion of the minor clean-up activities presently proceeding at your facilities with [REDACTED] service personnel. It is our plan that such adjustments will be completed by Thursday, 28 September, after which acceptance will be made, and we would request expeditious

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-3-

26 September 1967

action in processing final payment under subject contract. If we can provide you with any additional information in this regard toward accelerating receipt of final payment, please do not hesitate to contact us.

Very truly yours,

[REDACTED]

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ORIGINAL SIGNED BY

[REDACTED]

Executive Vice President

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LHB/aw

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cc: [REDACTED]

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